

Claims

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What is claimed is:

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1. A heat transfer material comprising:
a first meltable layer;
a second meltable layer; and
a release coating separating the first and
second meltable layers.

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2. The heat transfer material of Claim 1, further
comprising a base substrate.

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3. The heat transfer material of Claim 2, wherein
the base substrate comprises a nonwoven web or a
polymeric film.

4. The heat transfer material of Claim 2, wherein
the base substrate comprises paper.

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5. The heat transfer material of Claim 1, wherein
the first meltable layer comprises an extruded film.

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6. The heat transfer material of Claim 1, wherein
the first meltable layer has a melt flow index of less than
about 500 and a softening temperature of less than about
400°F; and wherein the second meltable layer has a melt
flow index of more than about 10, and a softening
temperature of less than about 350°F.

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7. The heat transfer material of Claim 6, wherein the first meltable layer has a melt flow index of from about 0.5 to about 100, and a softening temperature of from about 150°F to about 300°F; and wherein the second meltable layer has a melt flow index of from about 20 to about 20,000, and a softening temperature of from about 150°F to about 300°F.

8. The heat transfer material of Claim 7, wherein the first meltable layer has a melt flow index of from about 2 to about 50, and a softening temperature of from about 200°F to about 250°F; and wherein the second meltable layer has a melt flow index of from about 30 to about 10,000, and a softening temperature of from about 200°F to about 250°F.

~~9. The heat transfer material of Claim 1, further comprising one or more layers, wherein the one or more layers comprise a base substrate, a sub-coating layer, a top coating layer, a top coating layer, or a combination thereof.~~

10. The heat transfer material of Claim 1, further comprising an image printed on the second meltable layer.

11. The heat transfer material of Claim 1, in combination with a fabric.

~~12. The heat transfer material of Claim 10, wherein the image-bearing coating has a basis weight of less than about 40 gsm.~~

~~13. The heat transfer material of Claim 12, wherein the image-bearing coating has a basis weight of less than about 30 gsm.~~

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~~14. The heat transfer material of Claim 13, wherein the image-bearing coating has a basis weight of less than about 20 gsm.~~

5 15. A method of forming an image-bearing coating on a substrate, wherein the method comprises:

 placing the heat transfer material of Claim 1 on a substrate;

 applying heat and pressure to the heat transfer material; and

 removing a non-transferable portion of the heat transfer material.

15 16. The method of Claim 15, wherein the non-transferable portion comprises the first meltable layer and the release layer.

 17. The method of Claim 15, wherein the substrate comprise a fabric.

20 18. A method of forming an image-bearing coating on a substrate, wherein the method comprises:

 placing a heat transfer material on a substrate, wherein the heat transfer material comprises a first meltable layer; a second meltable layer; and a release coating separating the first and second meltable layers;

 applying heat and pressure to the heat transfer material; and

 removing a non-transferable portion of the heat transfer material;

30 wherein the non-transferable portion of the heat transfer material comprises the first meltable layer and the release coating.

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19. The method of Claim 18, wherein the second meltable layer has a basis weight of less than about 40 grams per square meter.

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20. The method of Claim 19, wherein the second meltable layer has a basis weight of less than about 20 grams per square meter.

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